

**E Table 2: Univariate analyses – Parkinson’s disease only versus controls**

	Cases		Controls		OR	95% CI
	Risk factor					
	+	-	+	-		
Ever used tobacco containing product	306	460	1067	922	<b>0.58</b>	(0.49, 0.68)
Ever consumed beer, wine or spirits regularly	379	387	1030	959	<b>0.91</b>	(0.77, 1.08)
House with water supply from river or well *	378	271	832	753	<b>1.26</b>	(1.05, 1.52)
Ever been knocked unconscious	194	571	369	1620	<b>1.49</b>	(1.22, 1.82)
Knocked unconscious: once v never	129	572	293	1620	<b>1.25</b>	(0.99, 1.57)
Knocked unconscious: more than once v never	65	572	75	1620	<b>2.46</b>	(1.74, 3.47)
Ever had a general anaesthetic for an operation	548	218	1540	449	<b>0.73</b>	(0.61, 0.89)
Ever been treated by doctor following exposure to gas/smoke	12	752	26	1957	<b>1.20</b>	(0.60, 2.39)
Ever taken sleeping pills for >1 year	151	615	311	1678	<b>1.32</b>	(1.07, 1.64)
Ever taken medicines for anxiety for >1 year	147	619	228	1761	<b>1.83</b>	(1.46, 2.30)
Ever taken medicines for depression for >1 year	102	664	161	1828	<b>1.74</b>	(1.34, 2.27)
Relative with Parkinson’s disease	146	619	95	1889	<b>4.69</b>	(3.57, 6.17)
First degree family history of Parkinson’s disease	80	686	53	1935	<b>4.26</b>	(2.98, 6.09)
Any exposure to solvents	236	531	588	1401	<b>1.06</b>	(0.88, 1.27)
Any exposure to pesticides	150	617	301	1688	<b>1.36</b>	(1.10, 1.69)
Any exposure to iron	100	667	243	1746	<b>1.08</b>	(0.84, 1.38)
Any exposure to manganese	84	683	217	1772	<b>1.00</b>	(0.77, 1.31)
Any exposure to copper	74	693	173	1816	<b>1.12</b>	(0.84, 1.49)
<b>Lifetime exposure (CE)</b>						
Solvents: low exposure** v no exposure	126	531	284	1401	<b>1.17</b>	(0.93, 1.48)
Solvents: high exposure** v no exposure	110	531	304	1401	<b>0.96</b>	(0.75, 1.21)
Pesticides: low exposure** v no exposure	70	617	159	1688	<b>1.20</b>	(0.90, 1.62)
Pesticides: high exposure** v no exposure	80	617	142	1688	<b>1.54</b>	(1.15, 2.06)
Iron: low exposure** v no exposure	47	667	124	1746	<b>0.99</b>	(0.70, 1.40)
Iron: high exposure** v no exposure	53	667	119	1746	<b>1.17</b>	(0.83, 1.63)
Manganese: low exposure** v no exposure	38	683	112	1772	<b>0.88</b>	(0.60, 1.29)
Manganese: high exposure** v no exposure	46	683	105	1772	<b>1.14</b>	(0.80, 1.63)

Copper: low exposure** v no exposure	38	693	88	1816	<b>1.13</b>	(0.77, 1.67)
Copper: high exposure** v no exposure	36	693	85	1816	<b>1.11</b>	(0.74, 1.66)
<b>Average annual intensity of exposure (AAI)</b>						
Solvents: low exposure** v no exposure	128	531	283	1401	<b>1.19</b>	(0.95, 1.50)
Solvents: high exposure** v no exposure	108	531	305	1401	<b>0.93</b>	(0.73, 1.19)
Pesticides: low exposure** v no exposure	67	617	157	1689	<b>1.17</b>	(0.87, 1.58)
Pesticides: high exposure** v no exposure	83	617	143	1689	<b>1.59</b>	(1.19, 2.11)
Iron: low exposure** v no exposure	50	667	124	1747	<b>1.06</b>	(0.75, 1.48)
Iron: high exposure** v no exposure	50	667	118	1747	<b>1.11</b>	(0.79, 1.56)
Manganese: low exposure** v no exposure	46	683	104	1773	<b>1.15</b>	(0.80, 1.64)
Manganese: high exposure** v no exposure	38	683	112	1773	<b>0.88</b>	(0.60, 1.29)
Copper: low exposure** v no exposure	39	693	84	1816	<b>1.22</b>	(0.82, 1.80)
Copper: high exposure** v no exposure	35	693	89	1816	<b>1.03</b>	(0.69, 1.54)

\* Malta water supply excluded from this analysis

\*\* Cut-off for low/high exposure taken to be median value of those exposed.